ABSTRACT OF THE DISCLOSURE

A processing system (100) implements a translator (102) and a compiler (106) for compiling a machine readable language. When a source file (104) is provided, the system performs a line-by-line compare to determine if the file contains extended grammar constructs (e.g., X.68x, where x is greater than or equal to 1) of the language, such as an ASN.1 standard language. If not, then the source file (104) is compiled. If so, however, then the source file (104) is input to the translator (102) to translate into basic grammar constructs (e.g., X.680).